

**CONTRACT CHANGE ORDER MEMORANDUM**

DATE: 8/7/2013

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TO: Tony Anziano, Program Manager /			FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Darryl Schram, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9	
			<b>FED. NO.</b> No	
CCO#: <b>275</b>	SUPPLEMENT#: <b>0</b>	Category Code: <b>CXSA</b>	CONTINGENCY BALANCE (incl. this change) <b>\$58,520,621.22</b>	
COST: <b>\$135,780.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> Additional USA Hoist Elevator Details			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>DEF</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>4</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying the elevator by revising the material for the NEMA 4X electrical enclosures and laminated glass framing, changing the color of the Power rail covers, and furnishing a protection blanket. Revising Special Provisions Section 10-4.05, "ELEVATOR," subsections "Requirements of Regulatory Agencies," "Description of System," and "Materials." Adding Special Provisions Section 10-4.05 "ELEVATOR," subsection "Decision and Order."

The contract documents do not specify material grade for the elevator enclosures and framing, the Contractor intended to use grade 304 stainless steel, however the Department has requested grade 316L stainless steel which provides better resistance for corrosion. The contract documents also do not specify the color of the power rail covers the Contractor intended to use black, however the Department has requested white covers to match the color of the bridge. The Contractor will furnish a protective blanket to the Department, which is needed to protect the elevator walls during maintenance operations.

Separately, revisions to the elevator are required as a result of variances granted by the Department of Safety and Health (DOSH). This change order includes additional work performed by subcontractor USA Hoist to comply with the DOSH variances, while Contract Change Order (CCO) 174 S1 "Additional Misc. Elevator Details" will include work performed by American Bridge / Fluor Enterprises Inc., A Joint Venture (ABFJV). In the elevator and control room, the car top access panel will be revised, a ladder will be located within reach of the car top access panel, and an audio-visual warning device and safety precautions will be implemented for wind speed. The landing doors will be revised to comply with the variance that was granted to allow the landing doors to be perforated as long as openings are less than 3/4" diameter, welded wire mesh is not less than 3.5 mm diameter, and force requirements are met. Exterior conduits will be white PVC coated and motors will be painted white to aesthetically match the rest of the bridge.

This change order resolves the costs associated with Contractor Request for Information (RFI) number 3164 with respect to changes listed above.

The total cost of this change order is \$135,780.00 lump sum, which can be financed from the contingency fund. A detailed cost analysis is on file.

The construction of the elevator is on the project completion critical path and therefore consideration of a time adjustment will be deferred until completion of the work specified herein. Determination of a commensurate time adjustment will be made in accordance with Section 10-1.13, "PROGRESS SCHEDULE (CRITICAL PATH METHOD)" and Section 10-1.14, "TIME-RELATED OVERHEAD" of the Special Provisions, as well as Section 8-1.07, "LIQUIDATED DAMAGES", of the Standard Specifications.


This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

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<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>		
Construction Engineer:	William Casey, Sup TE	Date 12/27/12	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 12/27/12	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 12/27/12	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$135,780.00	\$135,780.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	<b>TOTAL</b>	\$135,780.00	\$135,780.00
Other (specify):	HQ, Rich Foley	Date 1/2/13	<b>FEDERAL PARTICIPATION</b>		
Other (specify):	Struct. Maint, Lina Ellis	Date 12/27/12	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	HQ, Larry Salhaney	Date 1/23/13	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE    PERCENT		
			<div>8/12/13</div>		